



Project Description Narrative

AT&T Site #5865 and Name: ROUND BARN
Address: 3562 Round Barn Circle, Santa Rosa CA 95403
APN: 173-020-050

Project Description

Installation of an unmanned rooftop wireless telecommunications facility to be located at 3562 Round Barn Circle in the City of Santa Rosa, California. The proposed facility will consist of the installation of four sectors each with four antennas stealthed within new FRP screening boxes textured and painted to match, with equipment located on a new platform on the rooftop behind FRP screening. The property is a three-story office building currently zoned PD-RC that allows installation of a wireless telecommunications facility permitted with a Minor Conditional Use Permit and Minor Design Review consistent with Section 20-44.060 (b)

Need for Site and Location Justification

Wireless phone systems operate on a “grid” system, whereby overlapping “cells” mesh to form a seamless wireless network. The technical criteria for establishing cell sites are very exacting as to both the height and location of the telecommunication facility. Based on a computerized engineering study, which takes into account, among other things, local population density, traffic patterns, and topography, AT&T’s RF engineers have identified this location as being a necessary and appropriate location for a cell site in order to provide coverage and capacity along the Hwy 101 corridor, medical offices, residential and new residential construction since 2017 Tubbs Fire and to the surrounding business community of Santa Rosa.

Radio Frequency

The proposed facility will be designed and constructed to meet applicable governmental and industry safety standards. AT&T continues to comply with all FCC governing construction requirements, technical standards, interference protection, power limitations, and radio frequency standards. Any and all RF emissions are subject to the exclusive jurisdiction of the FCC. An Independent RF analysis was prepared by OSC Engineering on February 9, 2024 and determined the proposed installation can comply with the prevailing standards for limiting human exposure to radio frequency energy and does not cause a significant impact on the environment.

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Safety

The proposed site will be entirely self-monitored by sophisticated computers which connect directly to a central office and which alert personnel to equipment malfunction or breach of security. Moreover, no smoke, debris or other nuisance will be generated by the proposed facility. The proposed facility will not be detrimental to nor will it endanger the public health, safety, morals, comfort, or general welfare of the community. The proposed facility will not pose a risk of explosion, fire or other danger to life or property due to proximity to other materials and the facility will be designed and a State of California qualified engineer will certify that the proposed facility will be structurally sound.

The proposed AT&T Telecommunications Facility enhances the general welfare of the community by providing the infrastructure by providing vital means of communication during times of emergency when traditional land lines are not available or in cases of power failure. The carefully selected and designed facility allows these calls to occur while remaining a site that meets the needs of the community now and in the future.

Sincerely,
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